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⑯ Multi-axle, steered articulated railway vehicle with compensation for transitional spirals.

⑯ An articulated vehicle (10) has two body portions (12), (14) which are pivotally connected and supported on a frame (20). First and second wheelsets (22), (24) are pivotally mounted to and support the frame (20). Third and fourth wheelsets (30), (34) are provided for supporting the other ends of the first and second body portions (12), (14) remote from the frame (20). A steering arrangement comprising a detecting device and a guiding device are provided, which can be in the form of a mechanical linkage (40), (50), (60), (70). The first detecting device (40) detects changes in the angle between the frame (20) and the first body portion (12), whilst a second detecting device (50) detects changes in the angle between the frame (20) and the second body portion (14). Corresponding first and second guide devices (64), (74) respond to the detected angles; the first guide device (64) guides the first and third wheelsets to radial alignment, whilst the second guide device (74) guides the second and fourth wheelsets to a radial alignment.

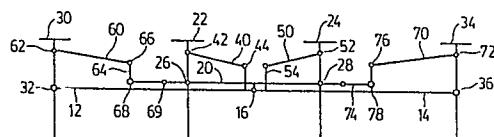


FIG.1



EP 89 30 1488

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	DE-A-1 455 185 (SCHWEIZERISCHE WAGGON- UND AUFZÜGEFABRIK AG) * Figure 5; page 8, paragraph 3 - page 12, paragraph 2 * ---	1	B 61 F 5/44
A	US-A-4 235 451 (J.-P.M. LERIVEREND) * Figure 1; column 2, lines 1-36 * ---	1	
A	US-A-2 921 539 (J.R. FURRER) * Figures 1,2; column 2, line 59 - column 4, line 25 * -----	1	
TECHNICAL FIELDS SEARCHED (Int. Cl.4)			
B 61 F B 61 G			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	08-11-1989	CHLOSTA P.	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
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A : technological background	D : document cited in the application		
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P : intermediate document	& : member of the same patent family, corresponding document		